

2002 OTHER SPRING WHEAT CHEMICAL USAGE

Nitrogen was applied to 86 percent of the 2002 other spring wheat planted acreages in three Program States which includes Minnesota, Montana, and North Dakota. Phosphate was applied to 74 percent and potash to 27 percent of the planted acreage in Program States. Spring wheat producers treated 91 percent of other spring wheat planted acreage with herbicides. MCPA was applied to 47 percent of planted acreage, followed by 2,4-D at 36%.

OTHER SPRING WHEAT: Acreage, Percent Receiving Chemicals, Number of Applications, Rates per Application, Major States, 2002

State	Area Planted	Nitrogen			Phosphate			Potash			Herbicide	Insecticide
		Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Area Applied 1/
	1,000 Acres	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
MN	2,000	89	1.1	62	83	1.0	36	68	1.0	32	84	8
MT	3,750	66	1.2	33	54	1.0	23	21	1.0	19	89	2/
ND	6,900	97	1.6	46	83	1.0	34	19	1.0	24	95	8
Total 3/	12,650	86	1.4	46	74	1.0	31	27	1.0	27	91	6

1/ Refers to acres receiving one or more applications of a specific chemical.

2/ Data not published due to insufficient number of reports.

3/ Refers to three major spring wheat states including: MN, MT and ND.

OTHER SPRING WHEAT: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2002

Active Ingredient	Area Applied 2/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Lbs. Per Acre	Lbs. Per Acre	1,000 Pounds
Herbicides					
2,4-D	20	1.0	0.43	0.44	171
Bromoxynil	35	1.0	0.24	0.24	170
Clodinafop-propargil	5	1.0	0.05	0.05	5
Fenoxaprop	30	1.0	0.07	0.07	42
Glyphosate	6	1.0	0.66	0.66	75
MCPA	53	1.0	0.33	0.33	351
Thifensulfuron	8	1.0	0.01	0.01	2
Tribenuron-methyl	7	1.0	0.007	0.007	1
Fungicides					
Propiconazole	5	1.0	0.08	0.08	7

1/ Planted acres in 2002 for Minnesota were 2.00 million acres.

2/ Refers to acres receiving one or more applications of a specific chemical.